

Listing of the Claims:

1. (PREVIOUSLY PRESENTED) A component of an adjustment mechanism for a vehicle roof of a convertible vehicle, wherein the component includes:

a recess and a flange edge surrounding the recess, wherein the recess and the flange edge surrounding the recess are located in a limited load area of the component;

wherein the component is adjustable between a first position and a second position and the component is exposed to alternating loads as a function of the position;

wherein the component is topologically and topographically designed for the alternating loads acting on the component for a predefined design space, such that a uniform stress distribution is at least approximately present in the component at least during critical load situations;

wherein the component is a sheet-metal part having an open profile produced by a sheet deformation process.

2. (CURRENTLY AMENDED) A component according to Claim 1,
including a reinforcing part arranged in ~~at least one of an area with less material~~
~~and~~ an area of a recess.

3. (PREVIOUSLY PRESENTED) A component according to Claim 1,
including a reinforcing part that is designed, at least partially, as an element
firmly connected to a wall of the component.

4. (PREVIOUSLY PRESENTED) A component according to Claim 1,
wherein the sheet-metal part is produced from steel.

5. (PREVIOUSLY PRESENTED) A component according to Claim 1,
wherein the sheet-metal part is produced from two or more individual parts
connected to one another.
6. (PREVIOUSLY PRESENTED) A component according to Claim 5,
wherein the component includes several individual parts connected to one another
to form a closed profile, at least in some areas,
wherein each of the several individual parts are designed to be topologically and
topographically adapted to the alternating loads acting on the component; and
wherein the several individual parts are connected to one another via welding.
7. – 15. (CANCELED).